

OCT 17 2005

VIA FACSIMILE (571) 273-8300

PATENT APPLICATION  
Docket No. 15436.440.13

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Jae-Hyun Ryou, et al.

Serial No.:

10/607,758

) Art Unit  
) 2828

Filed:

June 27, 2003

For:

VCSEL HAVING THERMAL  
MANAGEMENT

Confirmation No.:

7402

Customer No.:

022913

Examiner:

Nguyen, Tuan N

AMENDMENT UNDER 37 C.F.R. § 1.111Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office action mailed May 17, 2005 (the "Office Action"), please  
amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3

of this paper.

**Remarks/Arguments** begin on page 12 of this paper.

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